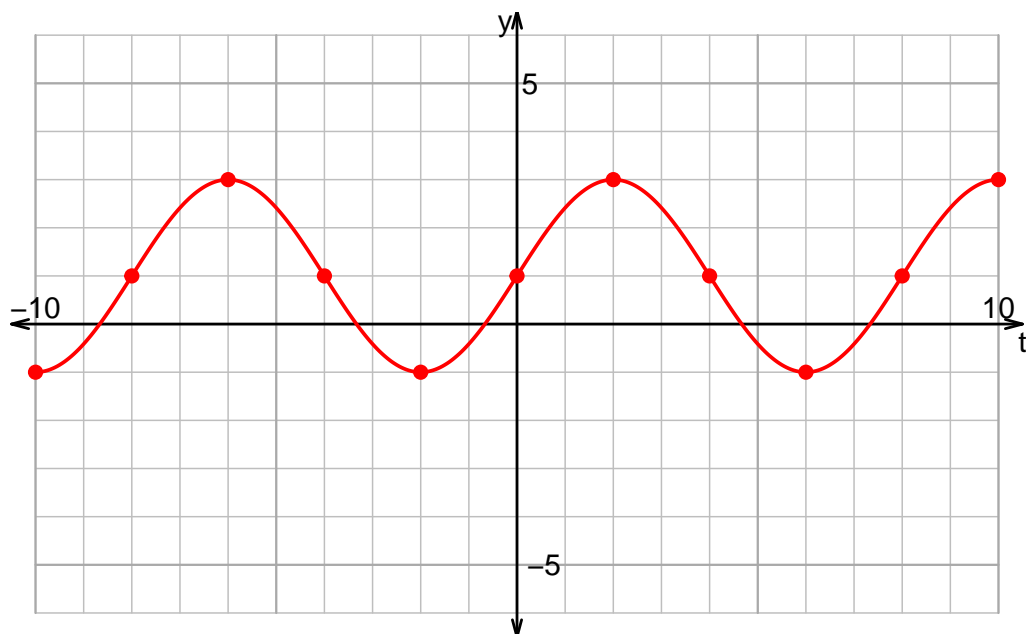


Name: \_\_\_\_\_

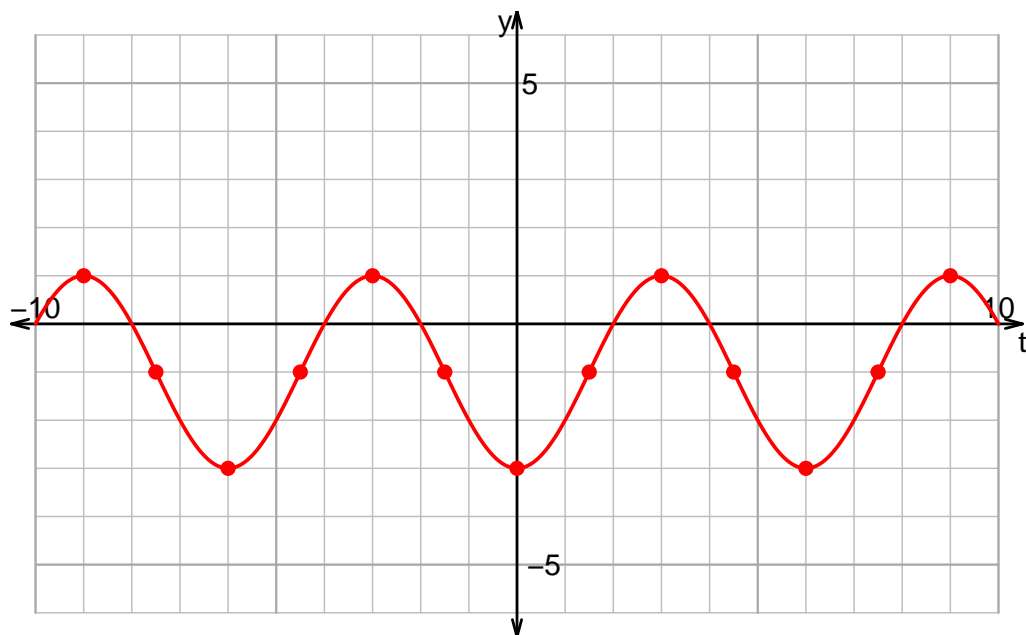
Date: \_\_\_\_\_

### U15WS2: DRAW WAVES (SOLUTION v47)

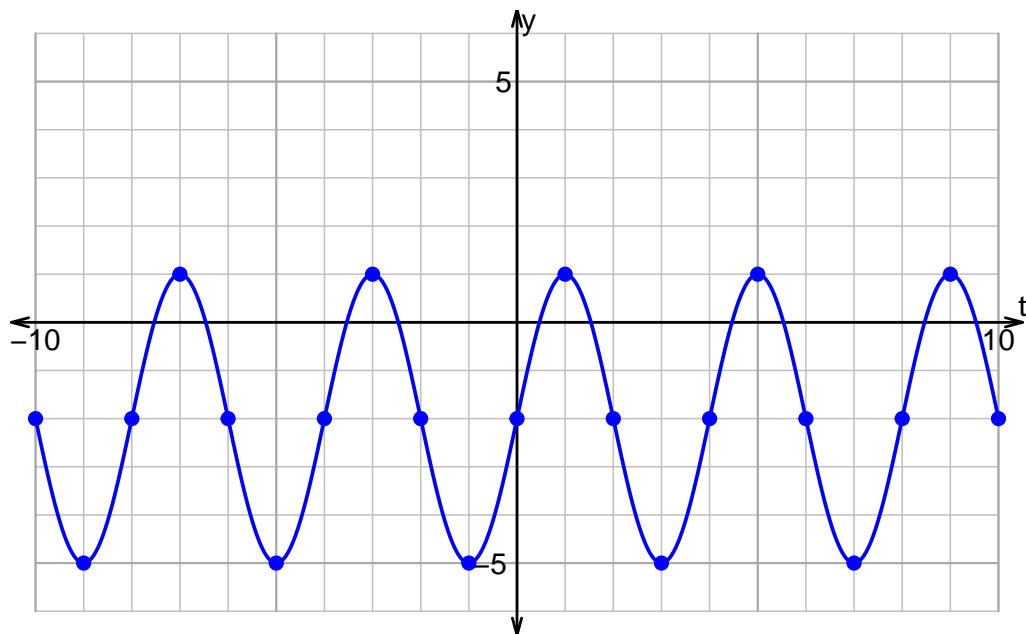
1. Plot  $y = 2 \sin\left(\frac{\pi}{4}t\right) + 1$ .



2. Plot  $y = -2 \cos\left(\frac{\pi}{3}t\right) - 1$ .

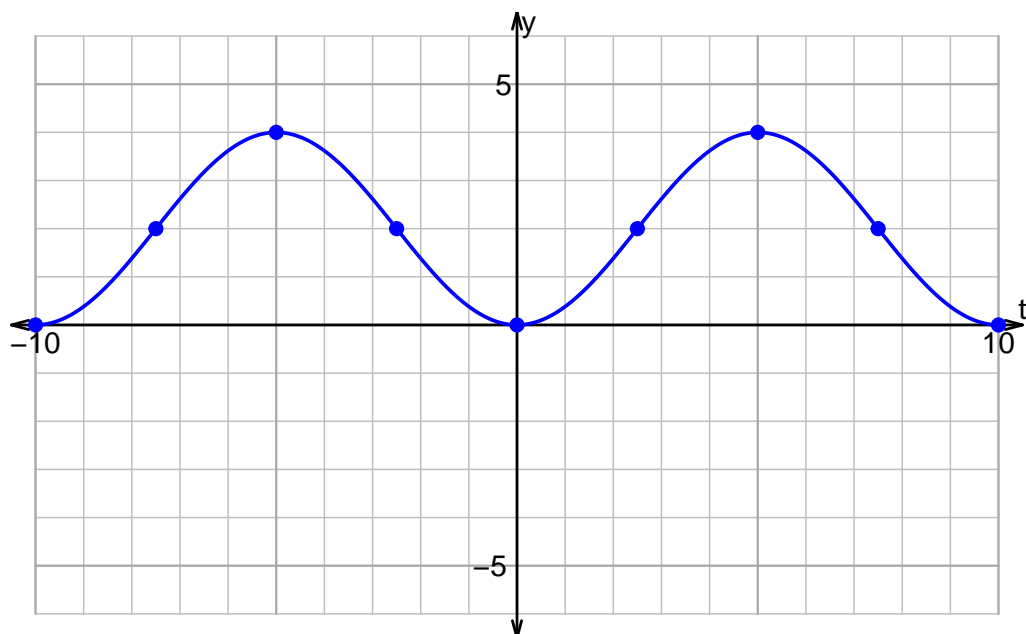


3. Give an equation for the plot below:



$$y = 3 \sin \left( \frac{\pi}{2} t \right) - 2$$

4. Give an equation for the plot below:



$$y = -2 \cos \left( \frac{\pi}{5} t \right) + 2$$